Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

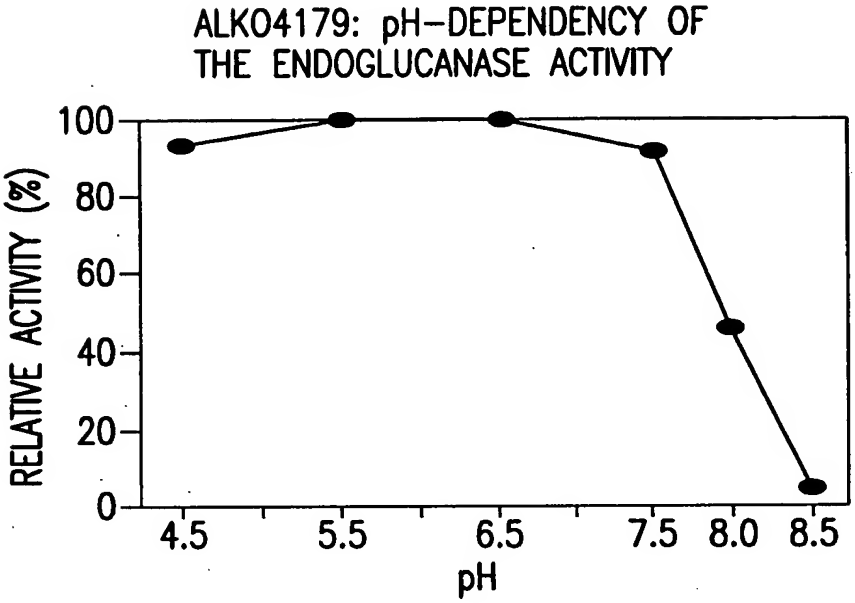


FIG.1A

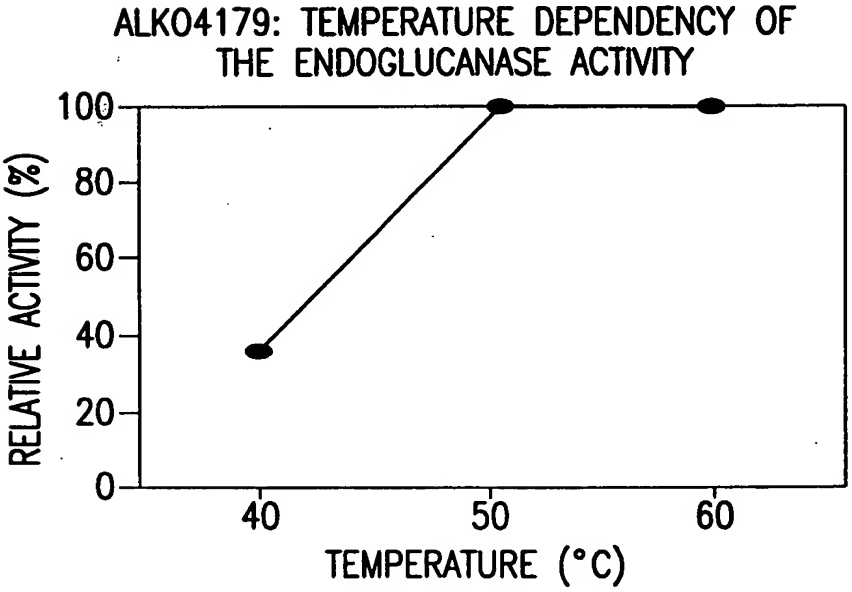


FIG.1B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

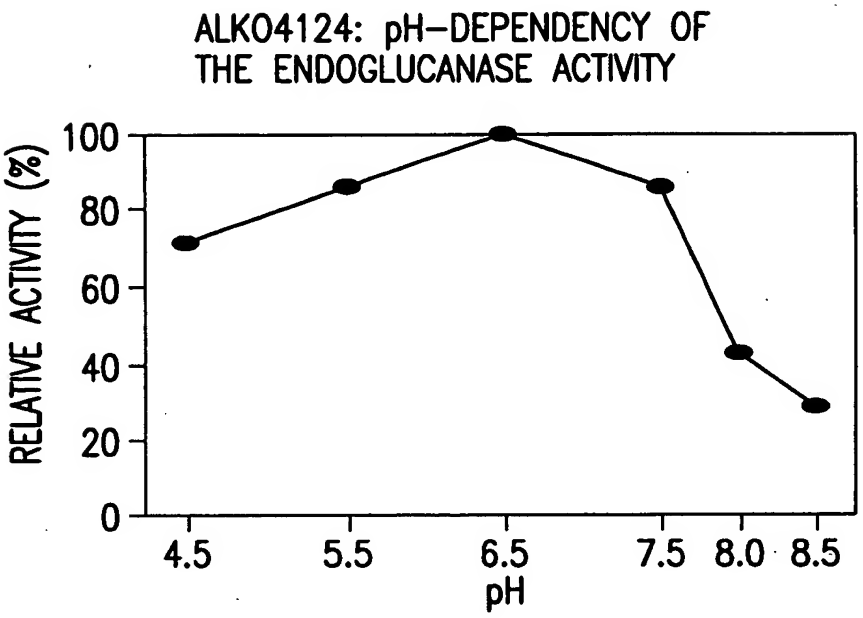


FIG.2A

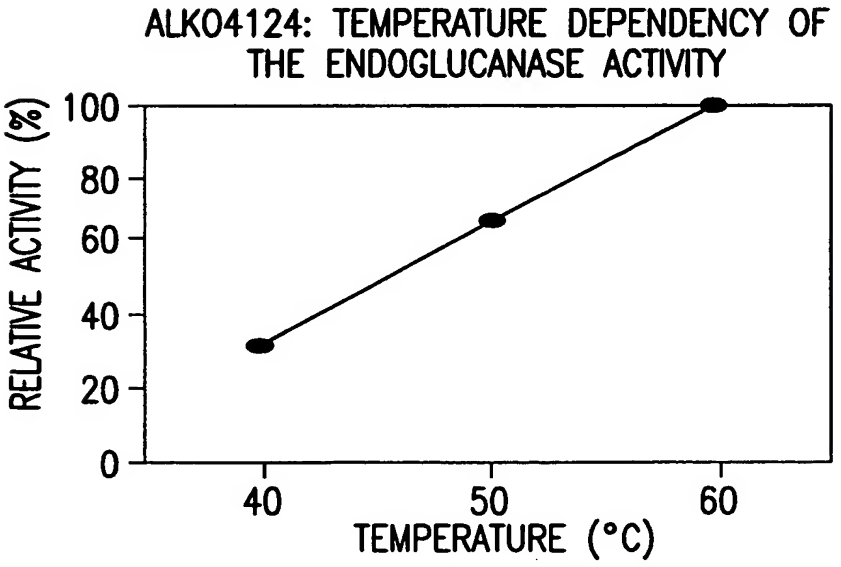


FIG.2B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

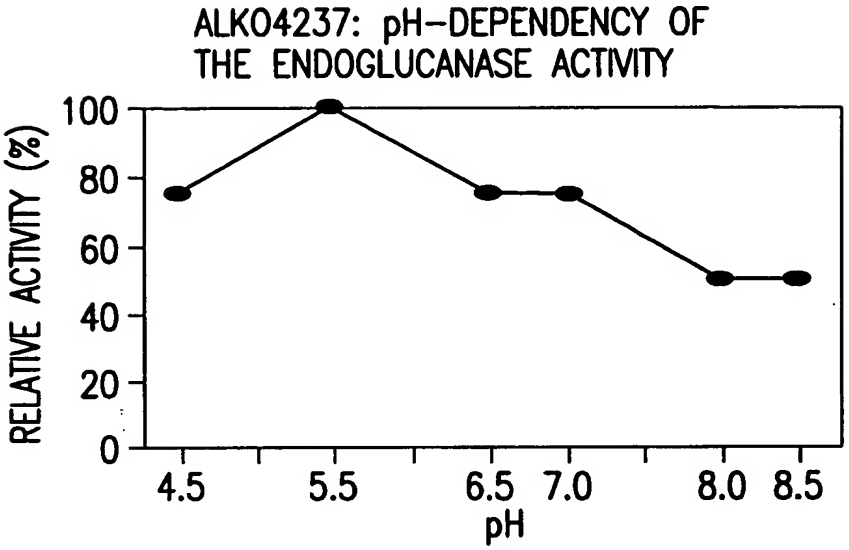


FIG.3A

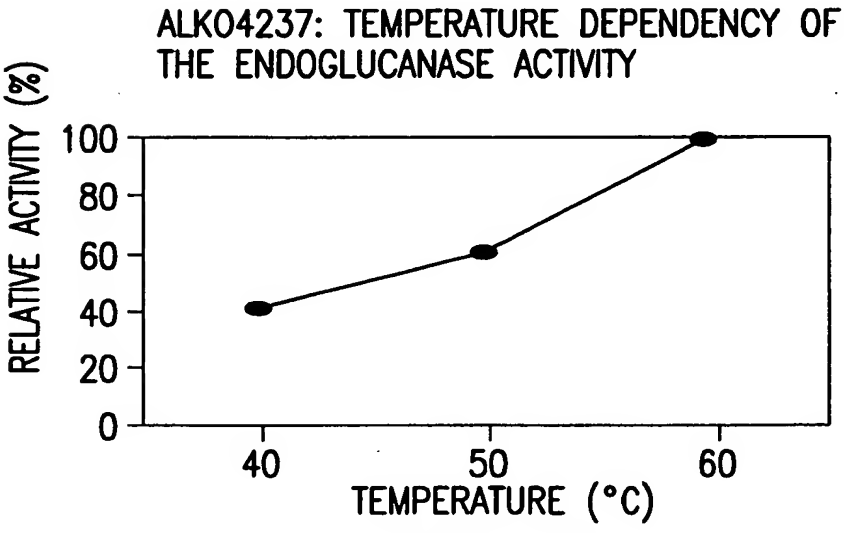


FIG.3B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

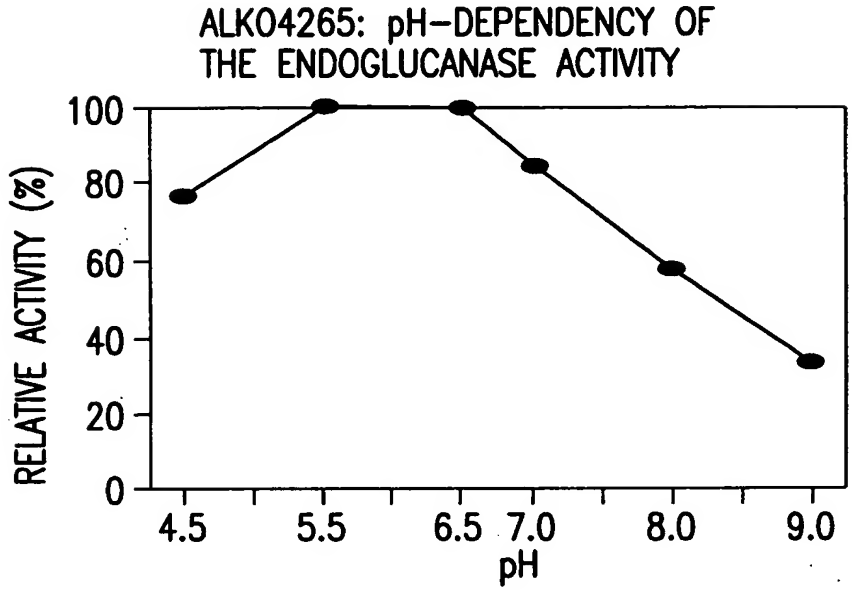


FIG.4A

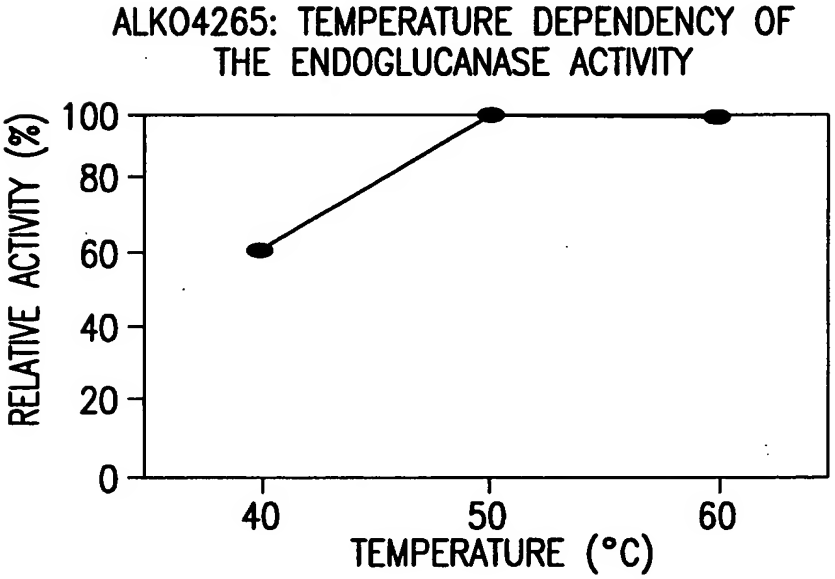


FIG.4B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

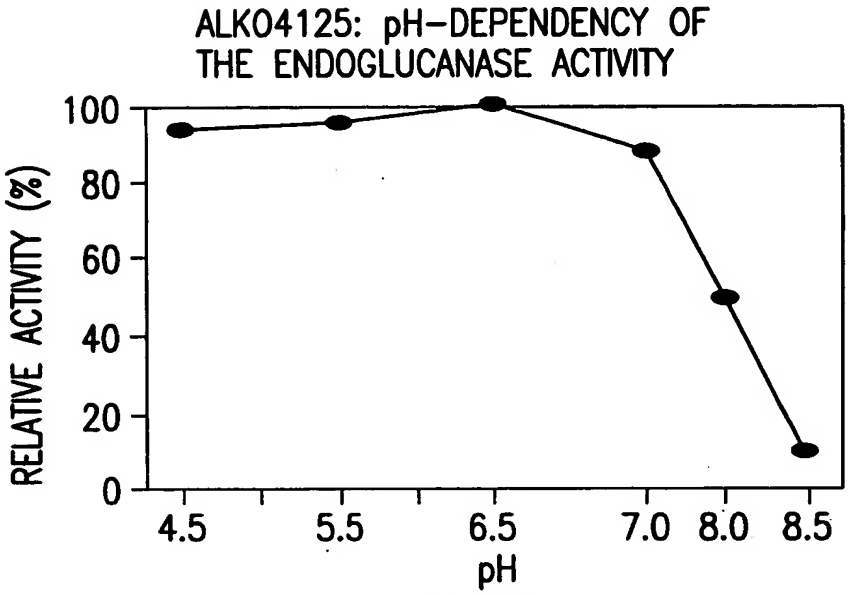


FIG.5A

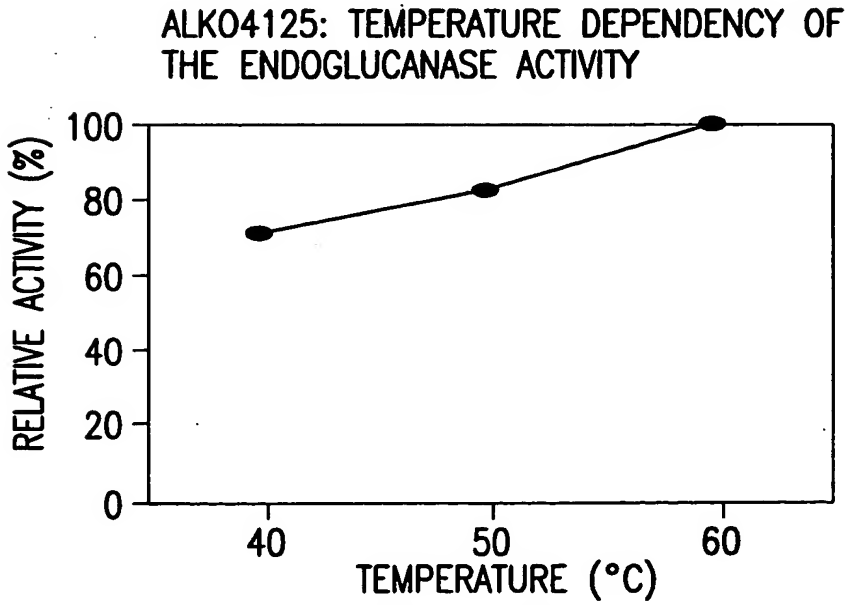


FIG.5B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

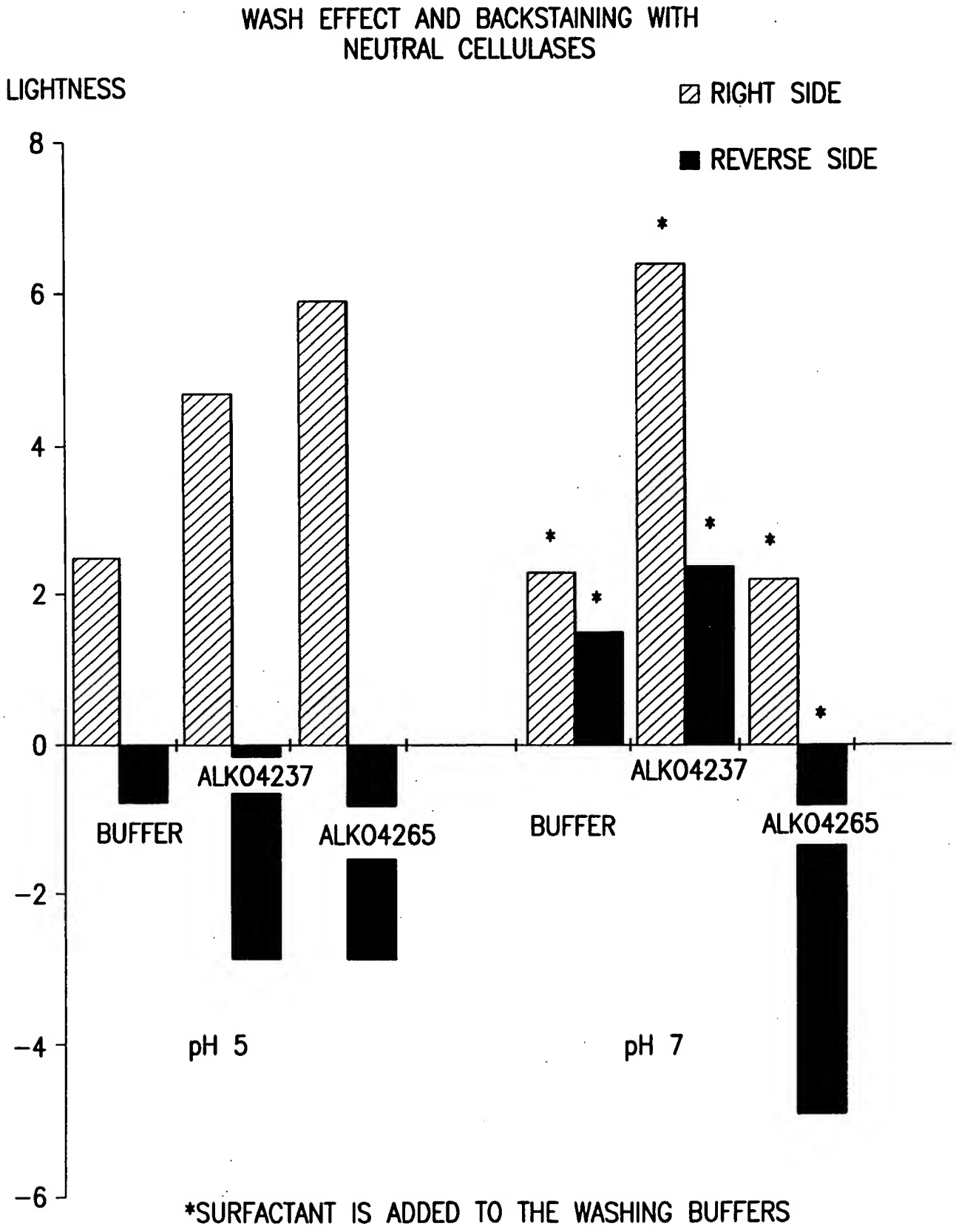
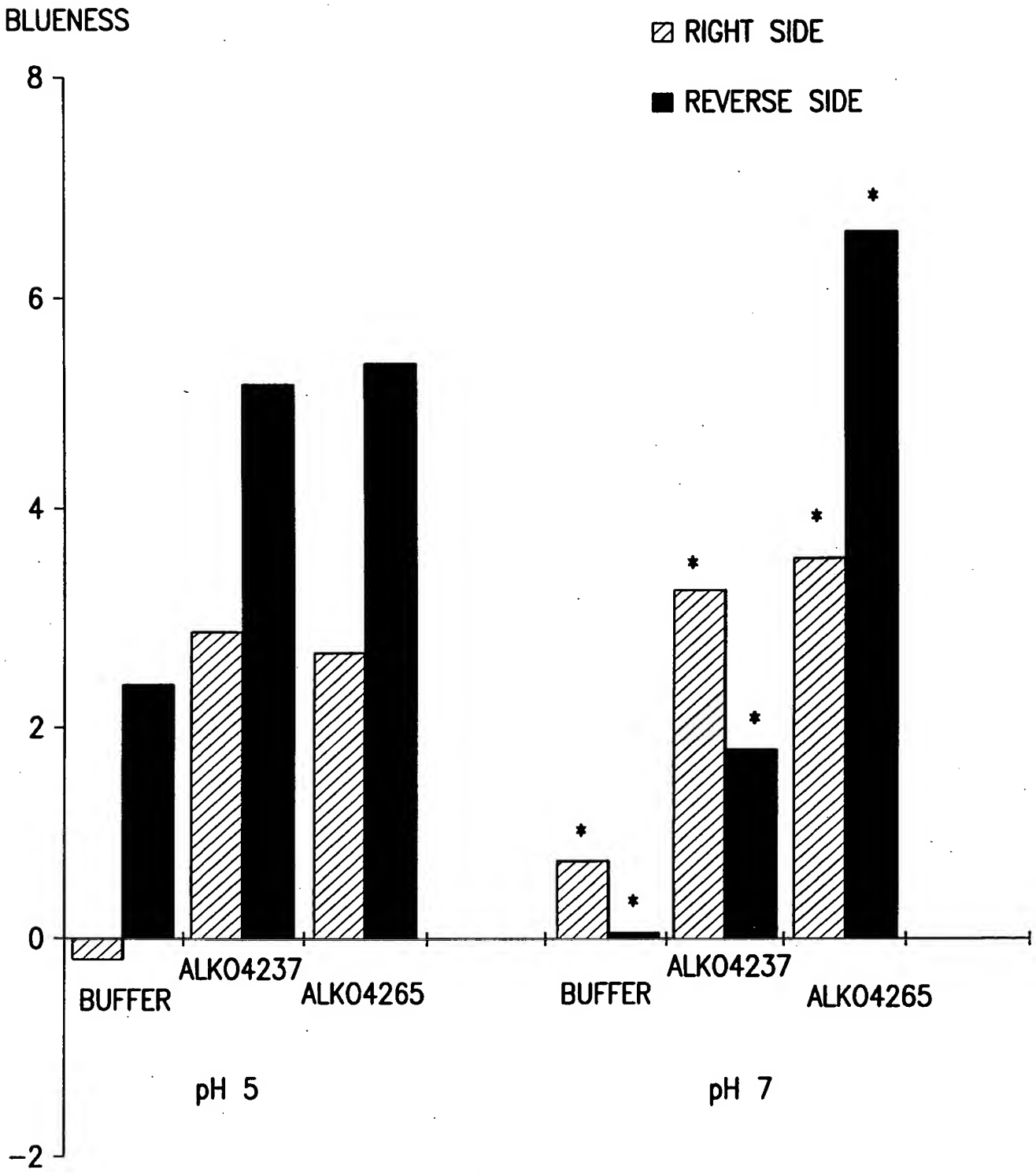


FIG.6A

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

BLUENESS WITH THE NEUTRAL CELLULASES



*SURFACTANT ADDED TO THE WASHING BUFFERS

FIG.6B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

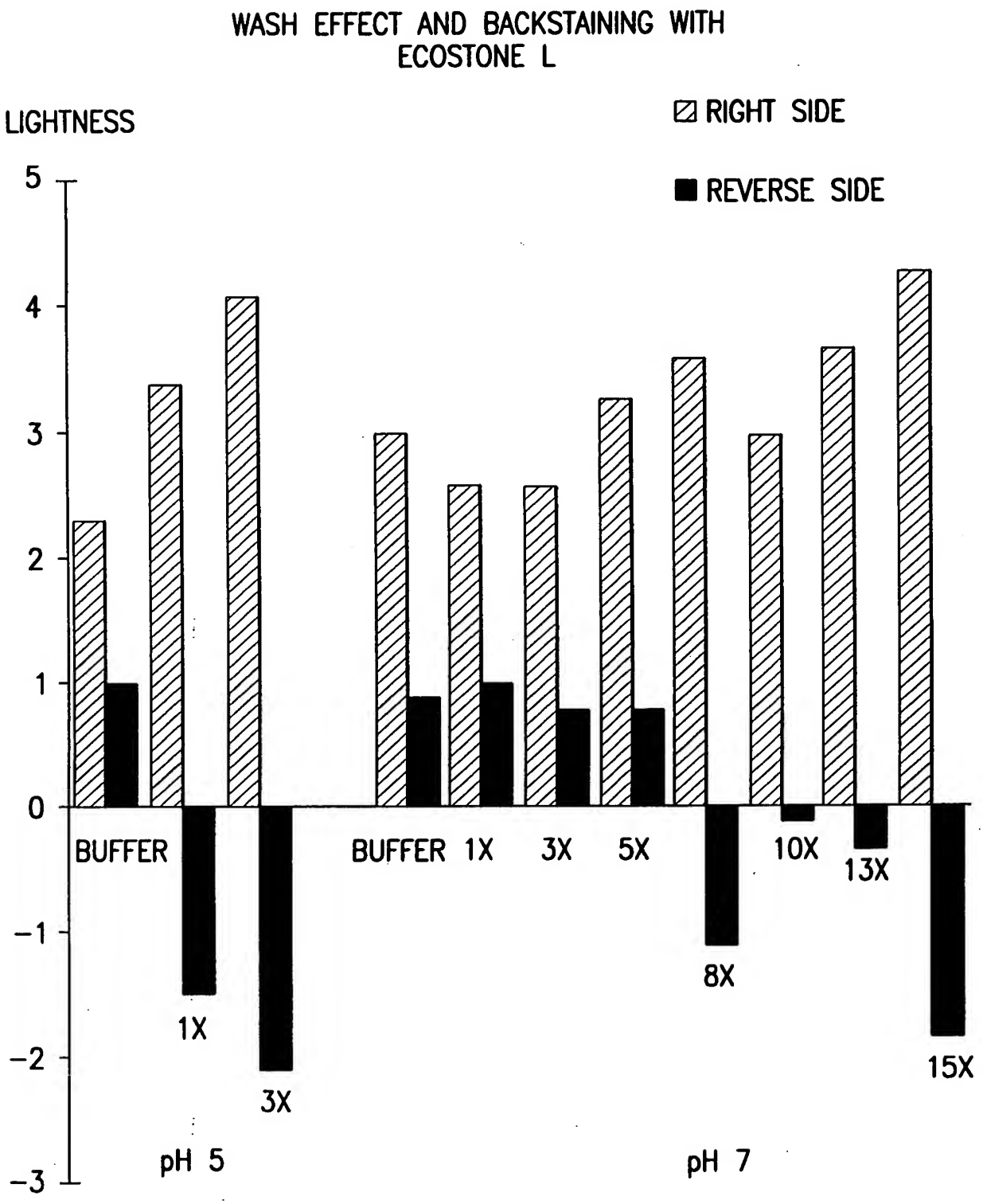


FIG.7A

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

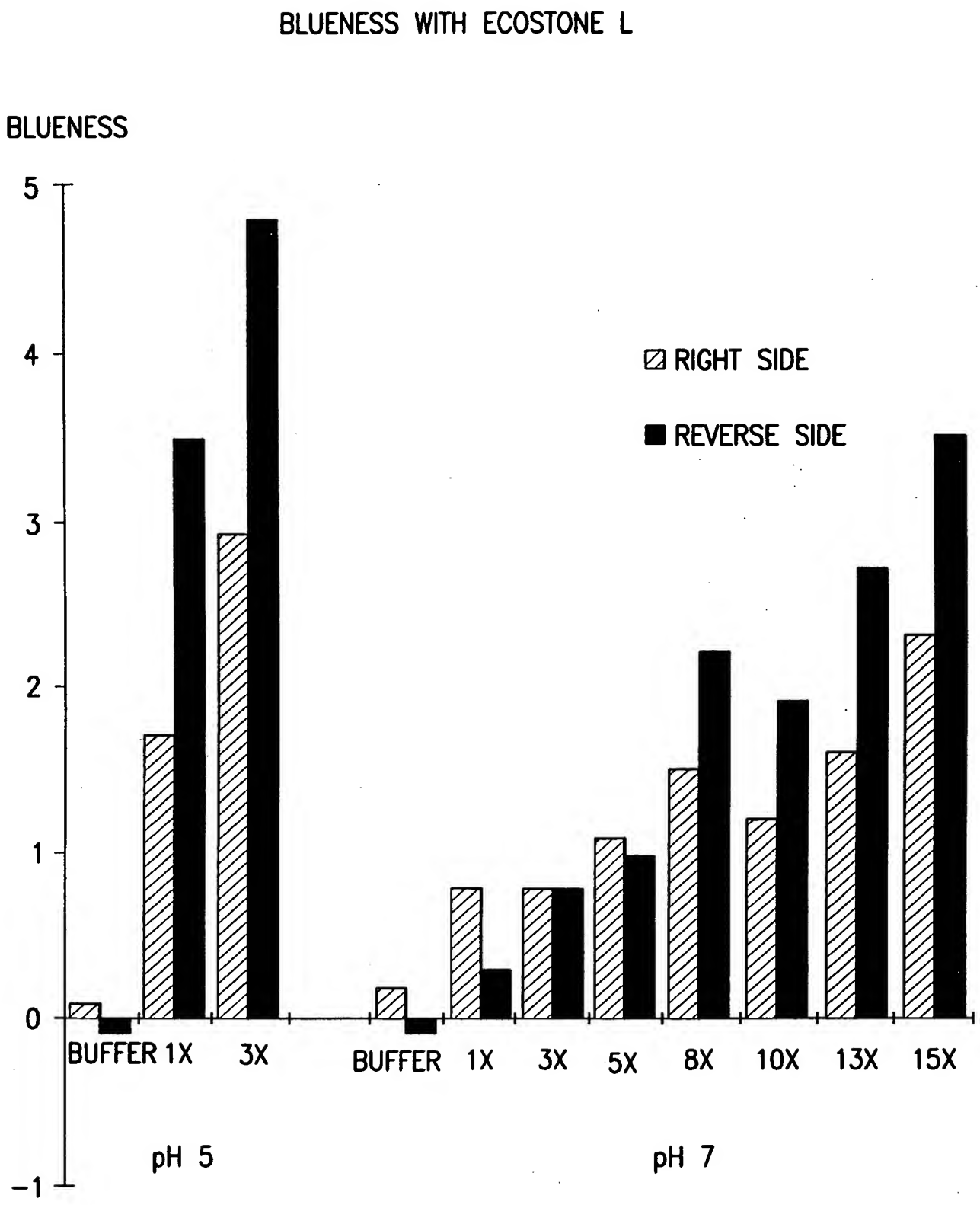


FIG.7B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

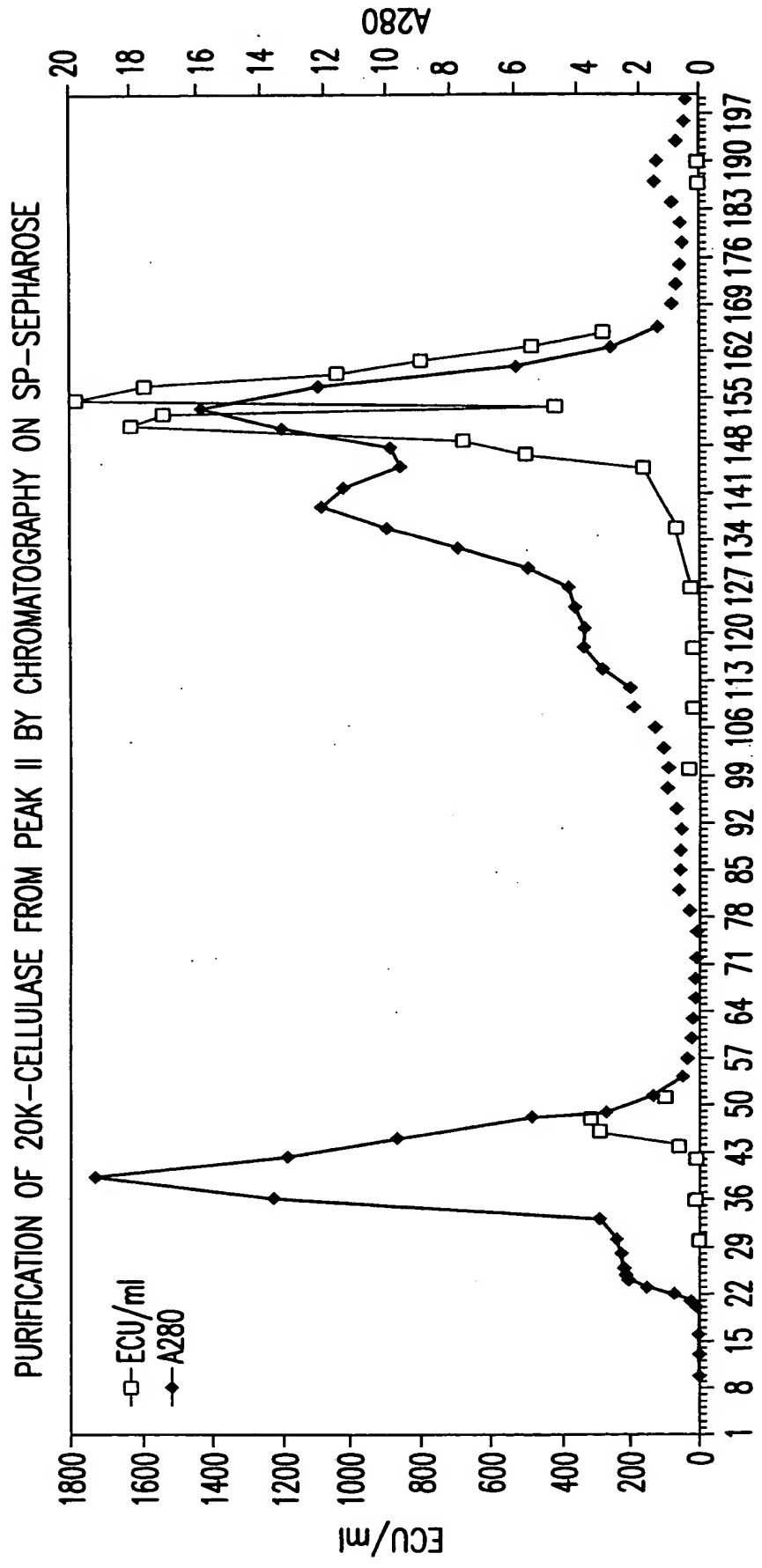


FIG.8

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

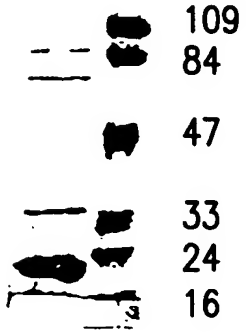


FIG.9A

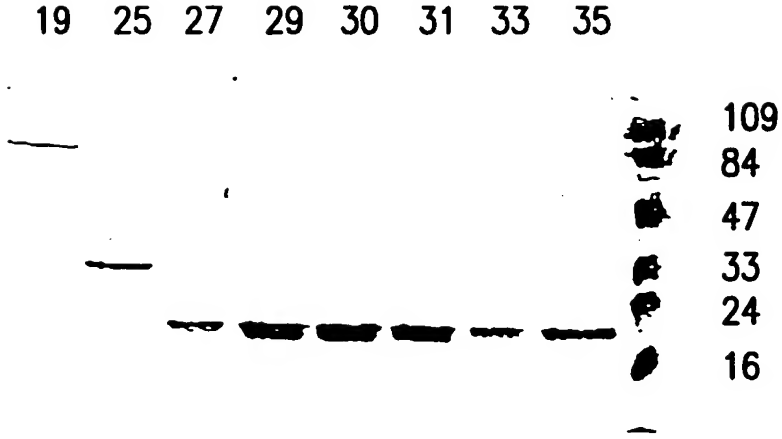


FIG.9B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

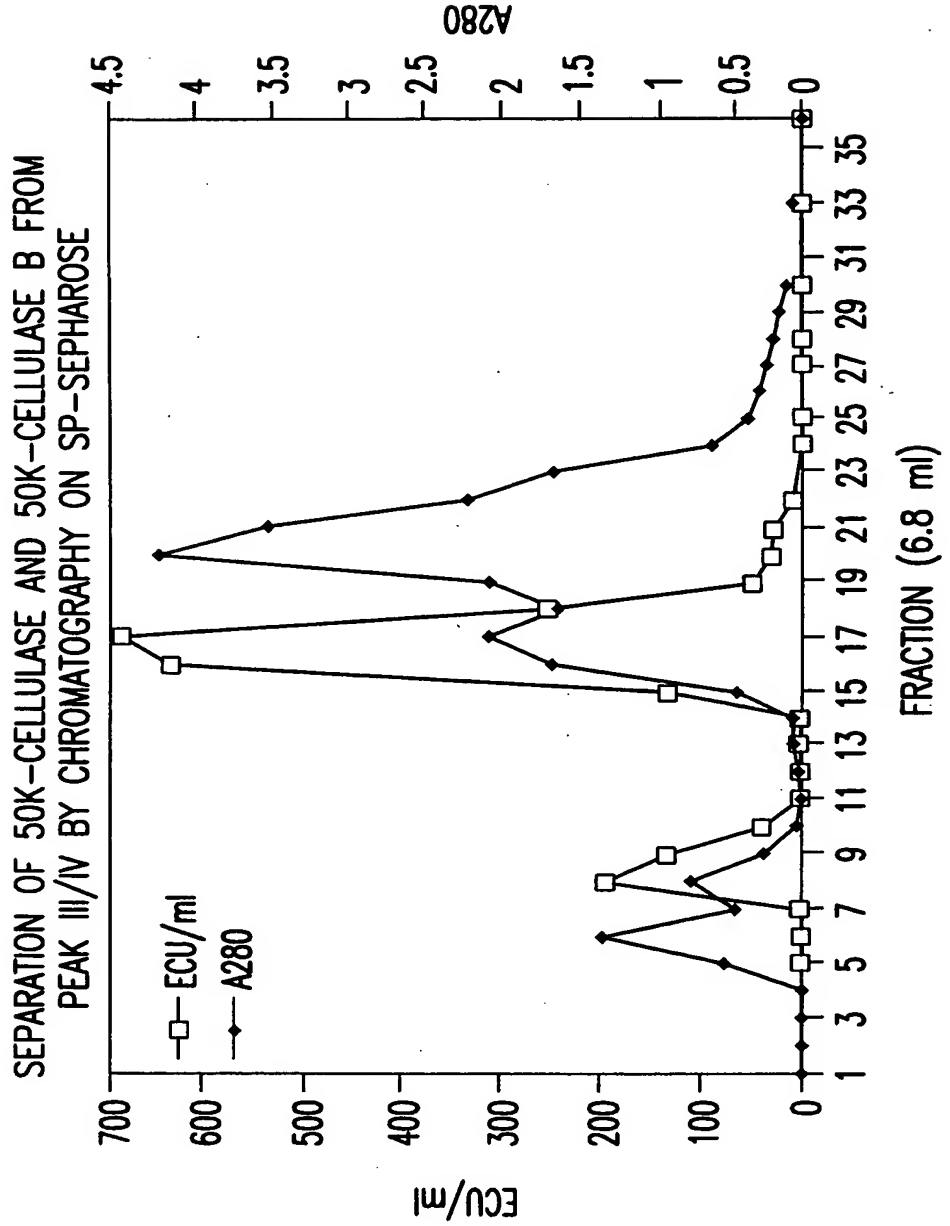


FIG.10

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

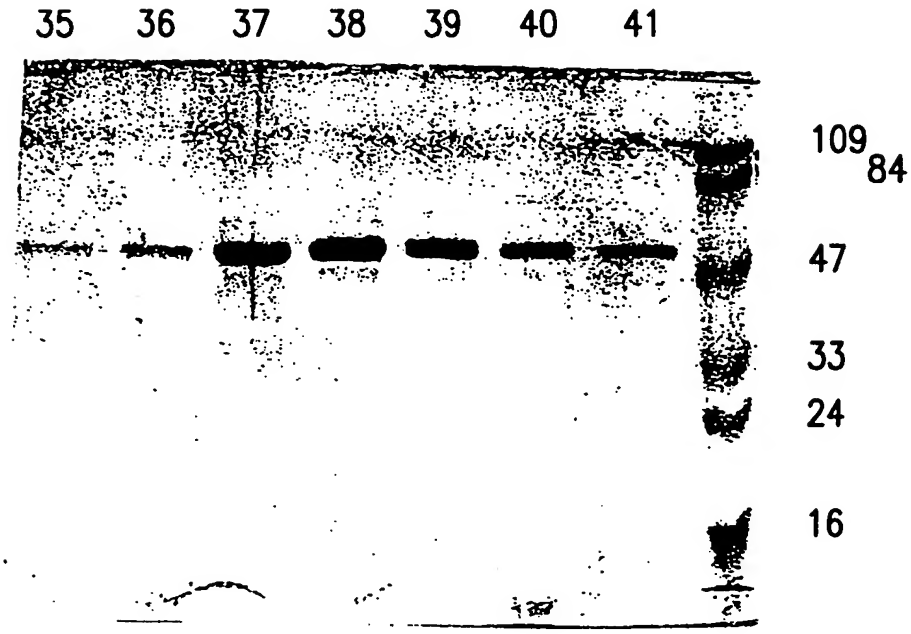


FIG.11A

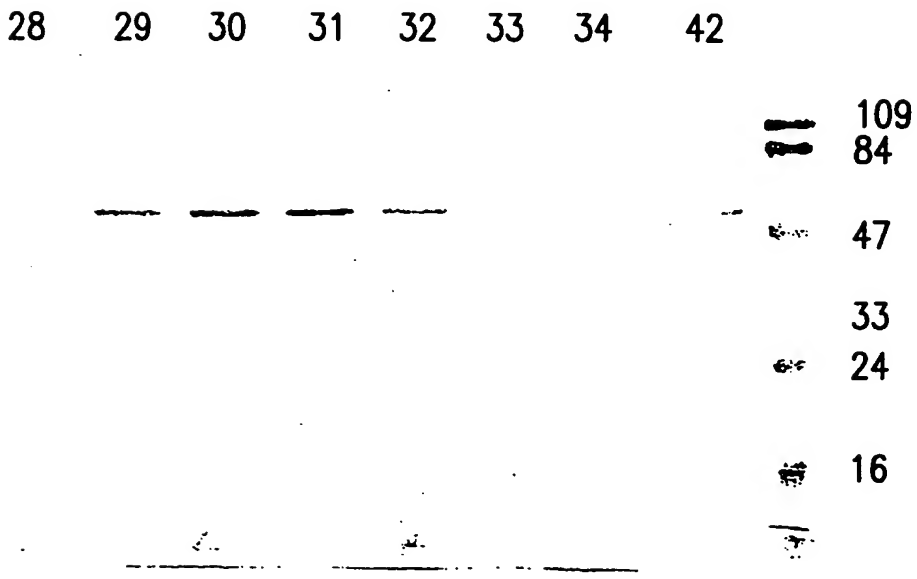


FIG.11B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

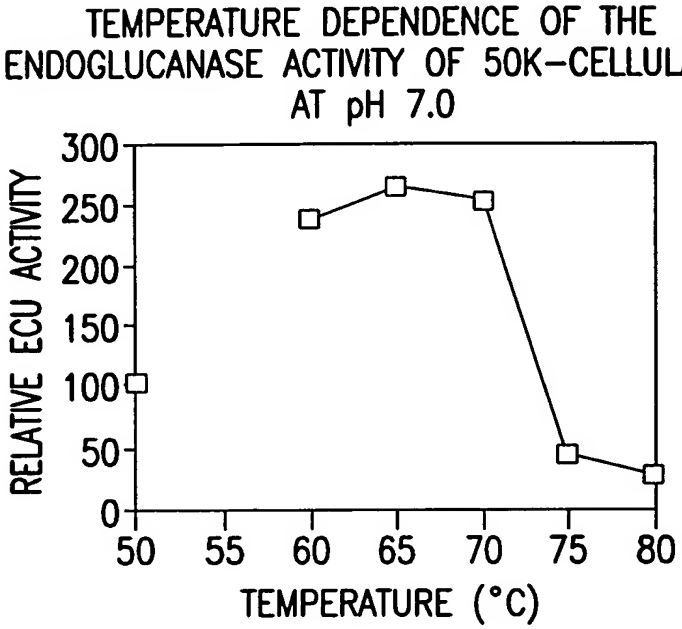


FIG.12

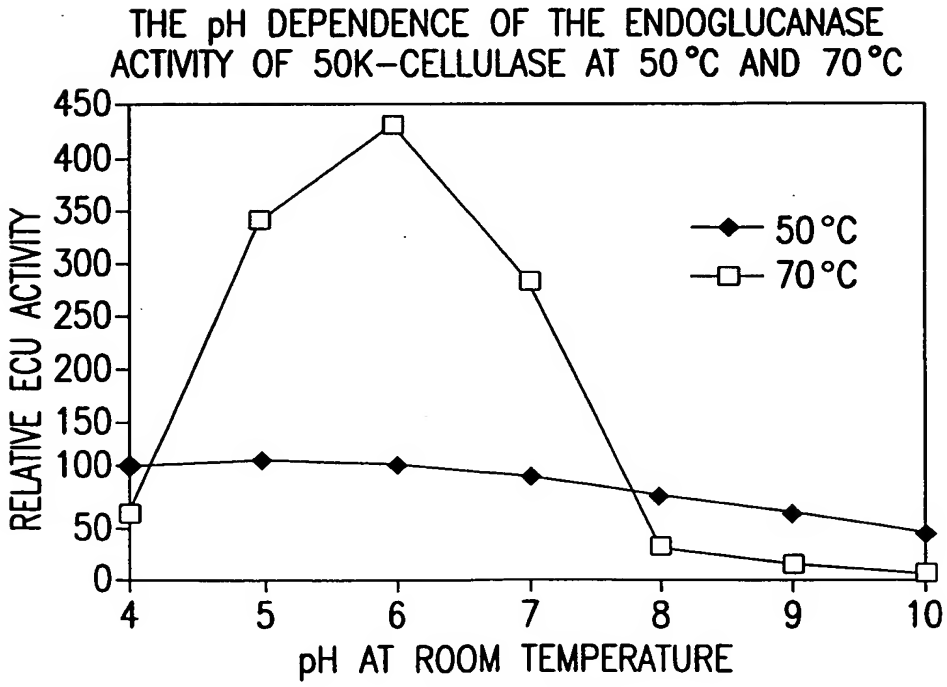


FIG.13

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

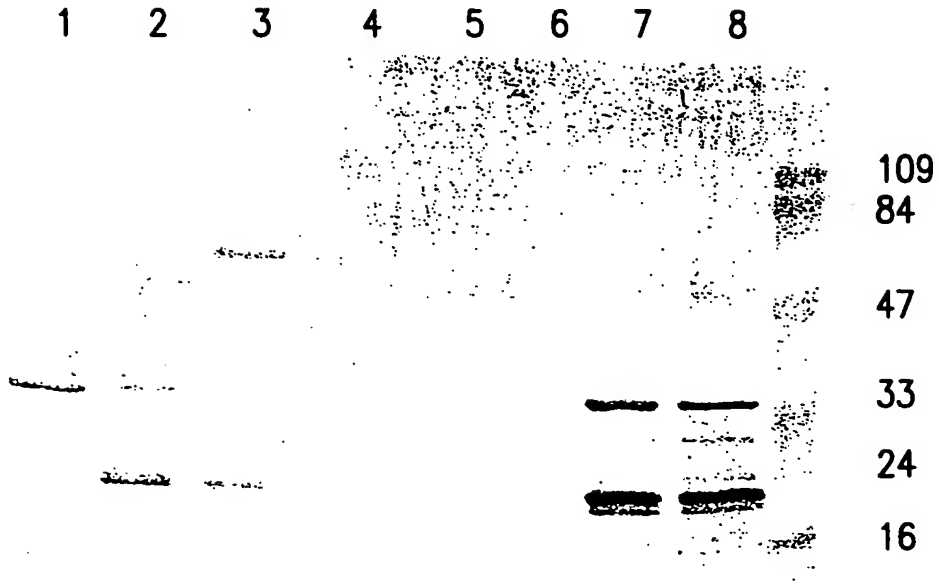


FIG.14

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

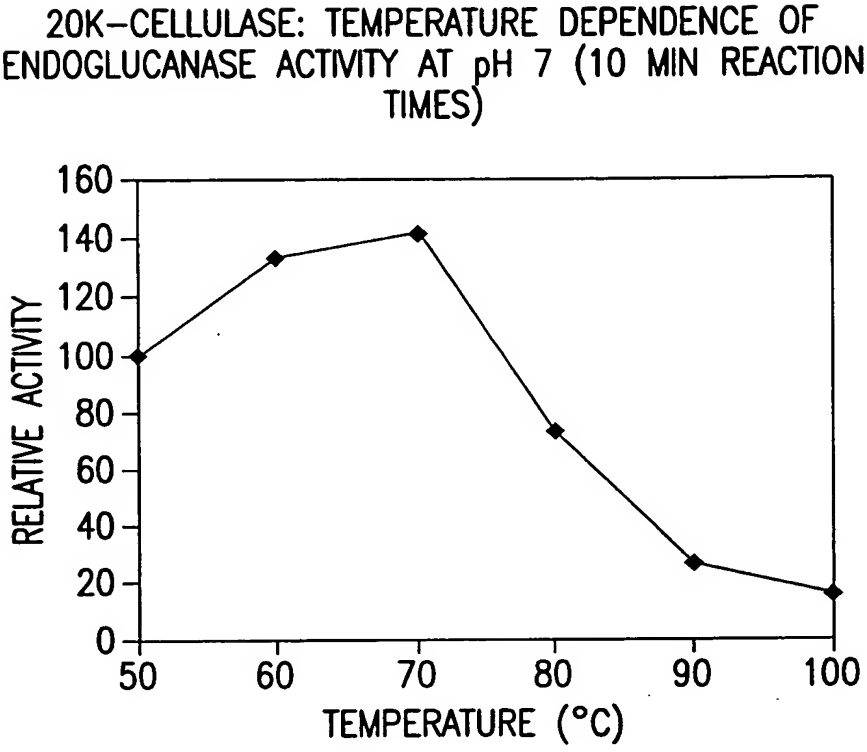


FIG.15

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

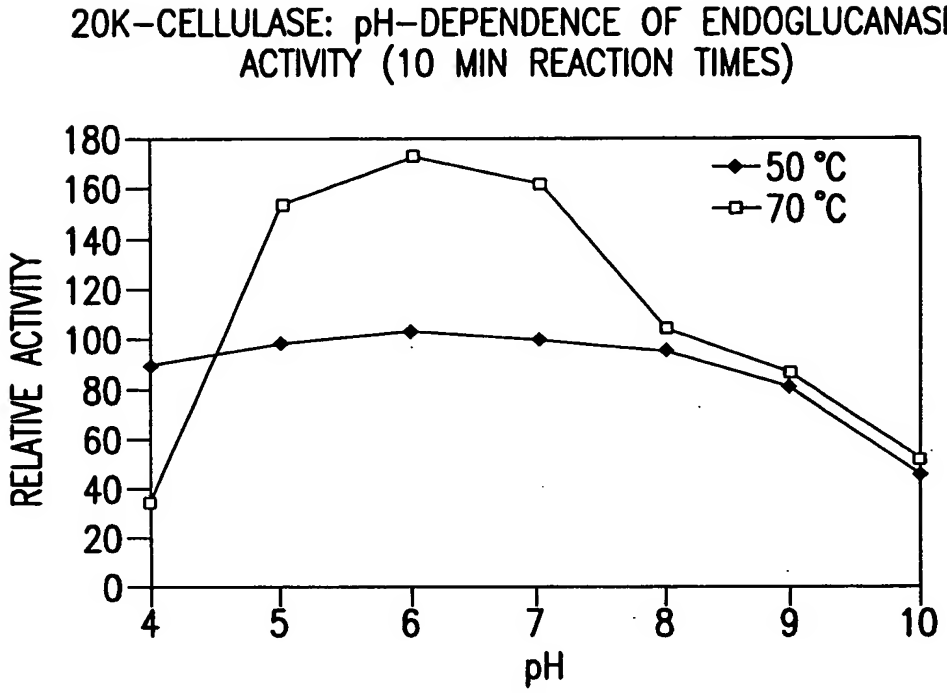


FIG.16A

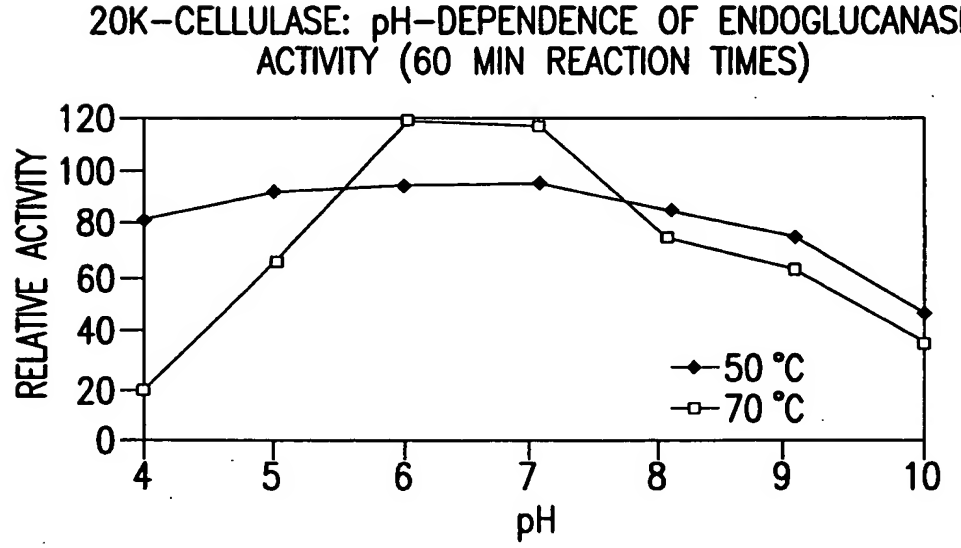


FIG.16B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

429
ANGQSTRYWDCCKPSCGWRGKGPVNQPVYS

430
YGGISSR

431
CGWR

432
PSCGWR

433
YWDCCK

439
QECDSFPEPLKPGCQWR

fr 9
RHDDGGFA

fr 14
YWDCCKP

fr 16
GKGPVNQPVYSCDANFQR

fr 17
VQCPEELVAR

fr 28
DWFQNADNPSFTFER

fr 30
TMVVQSTSTGGDLGSNHFDLNIPGGGVGLF

FIG.17

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

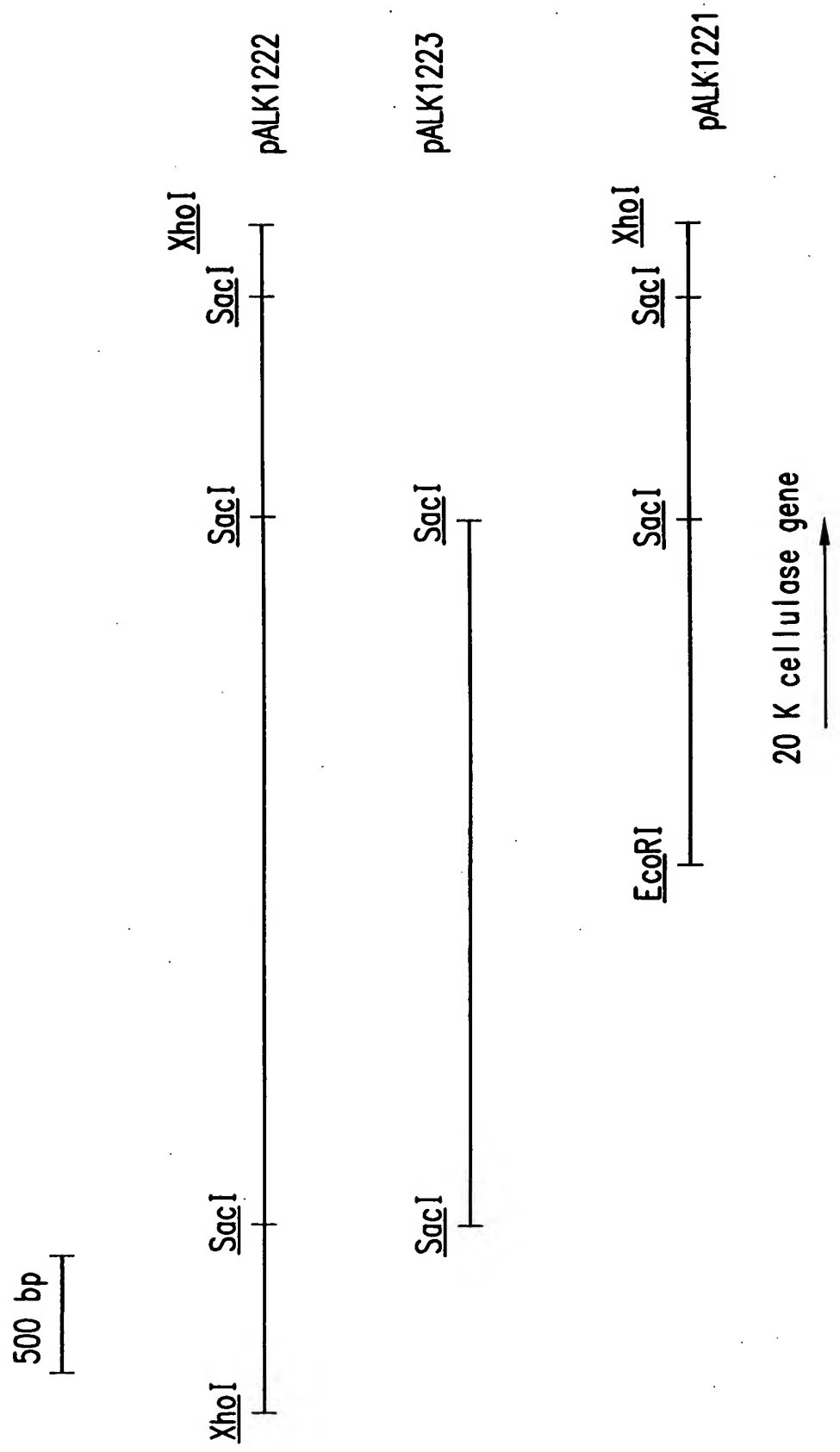


FIG.18

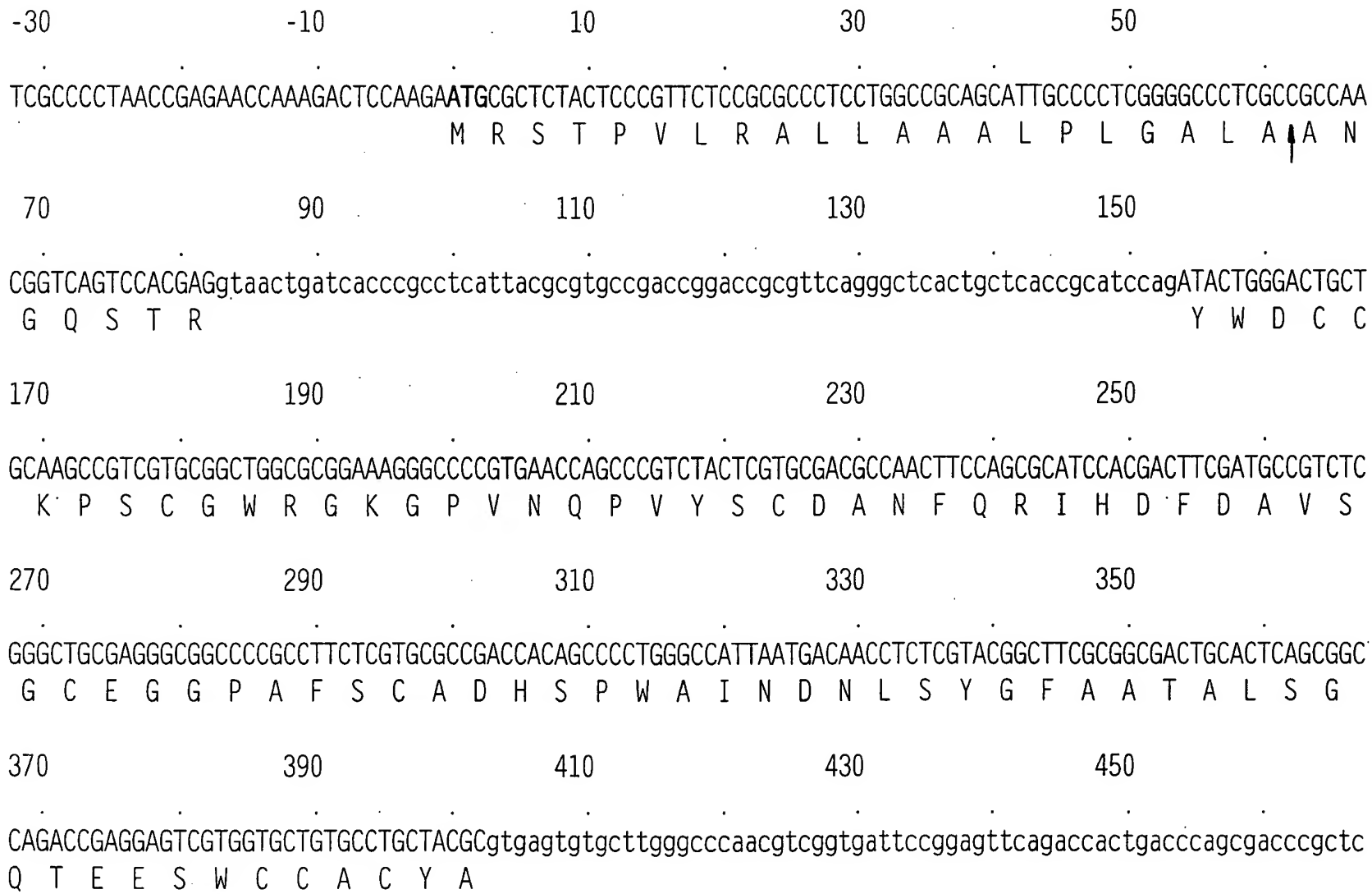


FIG.19A

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

```
470                 490                 510                 530                 550
.   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
gccagTCTGACCTTTACATCGGGTCCCGTGGCCGGCAAGACCATGGTCGTCCAGTCGACCAGCACGGGCGGCGACCTCGGCAGCAACCACTTCGACCTCA
     L   T   F   T   S   G   P   V   A   G   K   T   M   V   V   Q   S   T   S   T   G   G   D   L   G   S   N   H   F   D   L   N

570                 590                 610                 630                 650
.   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
ACATCCCCGGCGGCGGCGTCGGCCTCTTCGACGGCTGCACTCCCCAGTTCGGCGGCCTCCCGGGCGCACGGTACGGCGGCATCTCGTCGCGCCAGGAGTG
  I   P   G   G   G   V   G   L   F   D   G   C   T   P   Q   F   G   G   L   P   G   A   R   Y   G   G   I   S   S   R   Q   E   C

670                 690                 710                 730                 750
.   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
CGACTCGTTCCCCGAGCCGCTCAAGCCCGGCTGCCAGTGGCGCTTCGACTGGTTCCAGAACGCCGACAACCCGTCCTTTACCTTCGAGCGGGTCCAGTGC
 D   S   F   P   E   P   L   K   P   G   C   Q   W   R   F   D   W   F   Q   N   A   D   N   P   S   F   T   F   E   R   V   Q   C

770                 790                 810                 830                 850
.   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .   .
CCCGAGGAGCTGGTCGCTCGGACCGGCTGCAGGCGCCACGACGACGGCGGCTTCGCCGTCTTCAAGGCCCCCAGCGCCTGATCCGTTTTTGGGCAGTGTC
P   E   E   L   V   A   R   T   G   C   R   R   H   D   D   G   G   F   A   V   F   K   A   P   S   A   *

870                 890
.   .   .   .   .   .   .   .   .   .
CGTGTGACGGCAGCTACGTGGAACGACCTGGAGCTC
```

Fig. 19B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

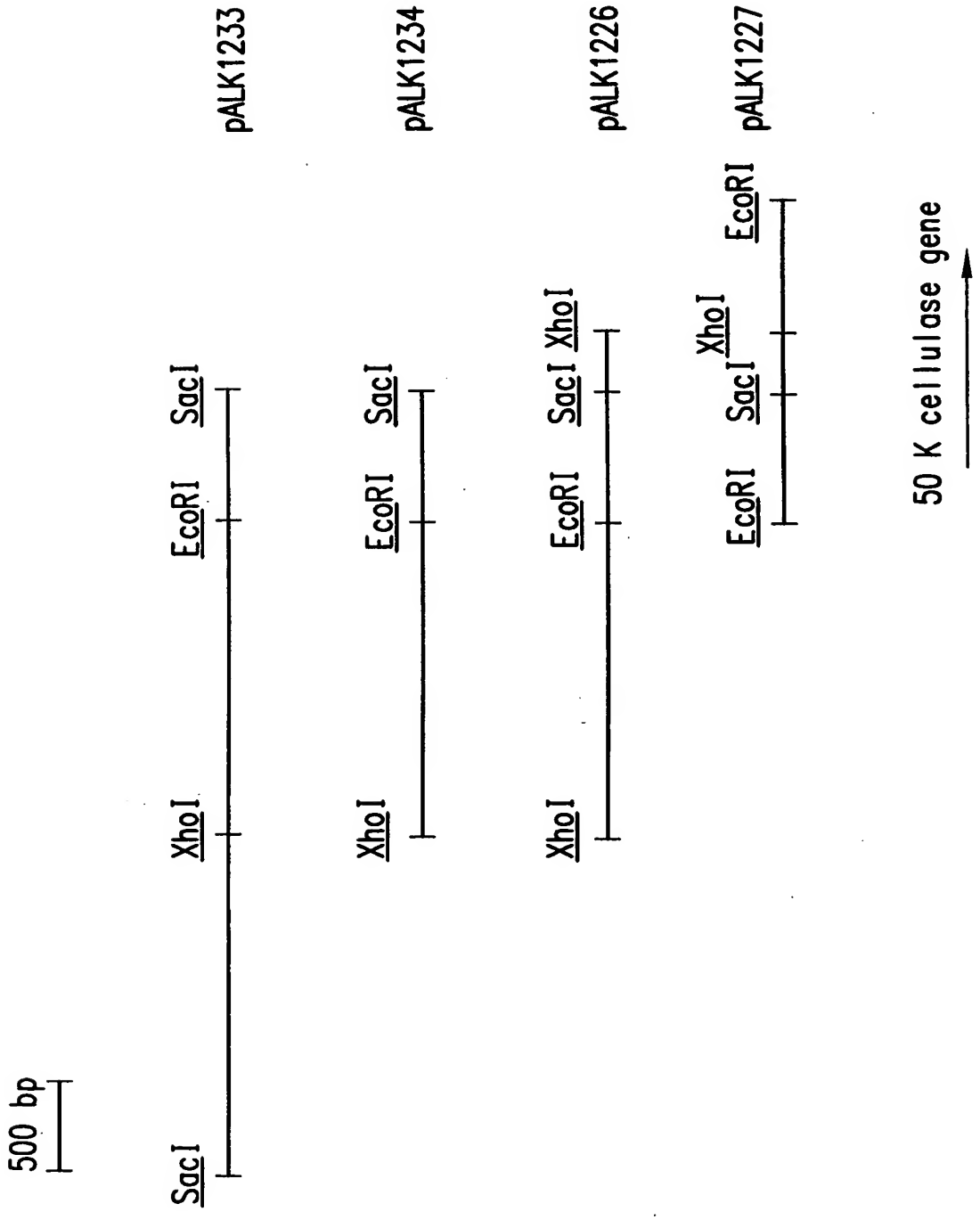


FIG.20

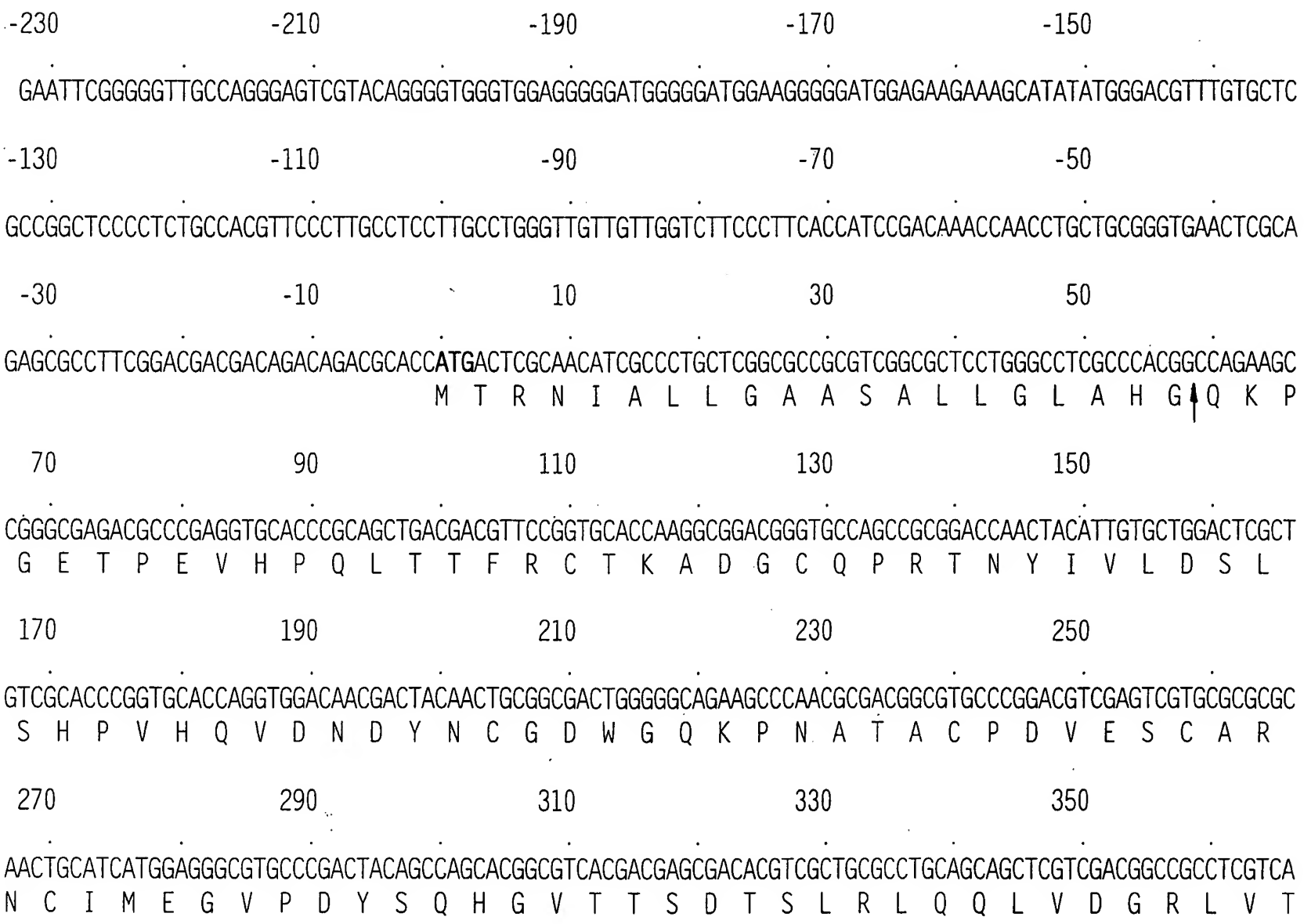


FIG.21A

Sheet 23 of 37
Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.051000; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

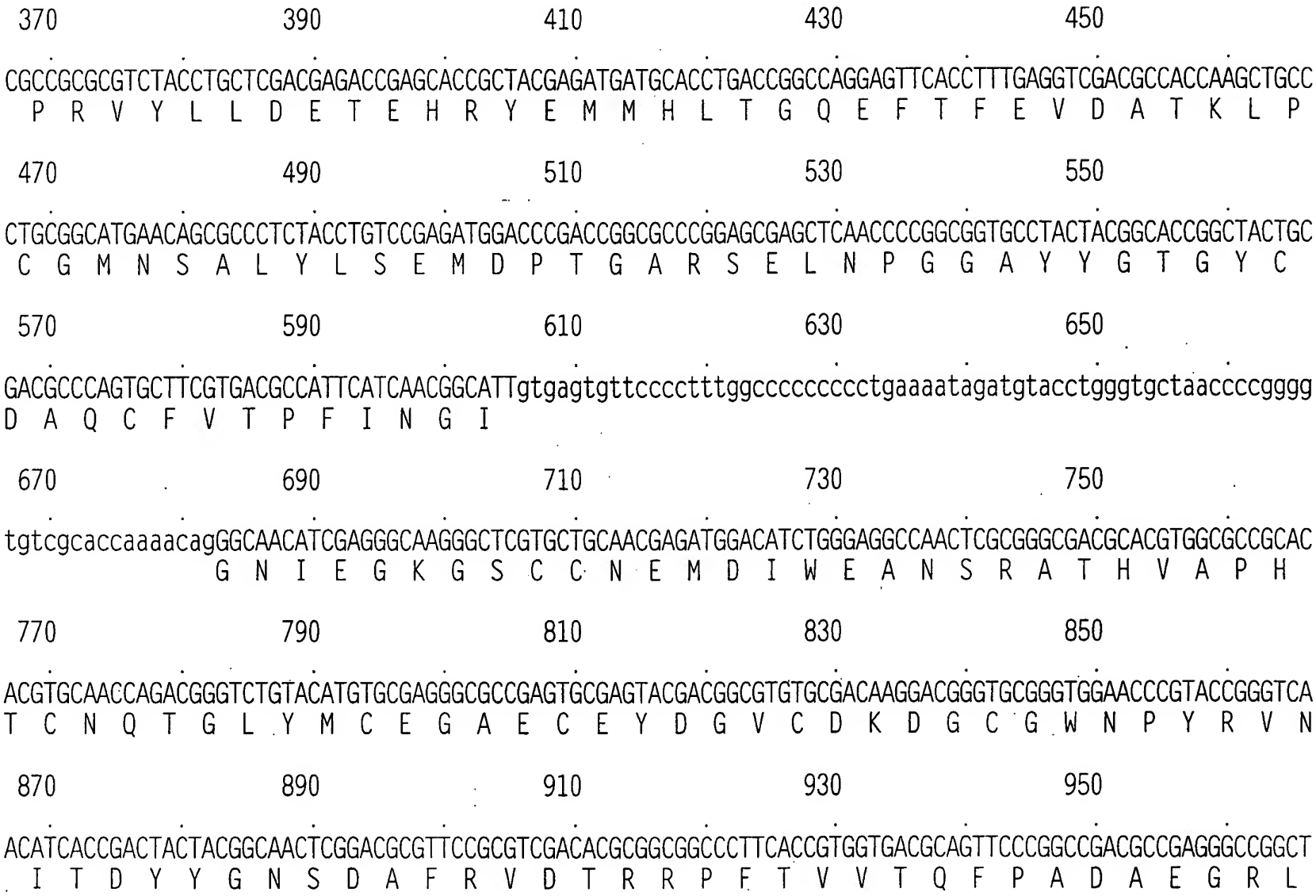


FIG.21B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.051000; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

```
970                 990                 1010                1030                1050

CGAGAGCATCCACCGGCTGTACGTGCAGGACGGCAAGGTGATCGAGTCGTACGTCGTCGACGCGCCGGGCCTGCCCCGGACCGACTCGCTCAACGACGAG
 E  S  I  H  R  L  Y  V  Q  D  G  K  V  I  E  S  Y  V  V  D  A  P  G  L  P  R  T  D  S  L  N  D  E

1070                1090                1110                1130                1150

TTCTGCGCCGCCACGGGCGCCGCGCGCTACCTCGACCTCGGCGGCACCGCGGGCATGGGCGACGCCATGACGCGCGGCATGGTGCTGGCCATGAGCATCT
F  C  A  A  T  G  A  A  R  Y  L  D  L  G  G  T  A  G  M  G  D  A  M  T  R  G  M  V  L  A  M  S  I  W

1170                1190                1210                1230                1250

GGTGGGACGAGTCCGGCTTCATGAACTGGCTCGACAGCGGCGAGGCCGGCCCCTGCCTGCCCGACGAGGGCGACCCCAAGAACATTGTCAAGGTCGAGCC
  W  D  E  S  G  F  M  N  W  L  D  S  G  E  A  G  P  C  L  P  D  E  G  D  P  K  N  I  V  K  V  E  P

1270                1290                1310                1330                1350

CAGCCCCGAGGTCACCTACAGCAACCTGCGCTGGGGCGAGATCGGGTCGACCTTTGAGGCCGAGTCCGACGACGACGGCGACGGCGACGACTGCTAGATA
 S  P  E  V  T  Y  S  N  L  R  W  G  E  I  G  S  T  F  E  A  E  S  D  D  D  G  D  G  D  D  C  *

1370                1390                1410                1430                1450

ACTAACTAGTGGGCGGAAAGGGCGGGGGATGCGTAACTTACATACAGCCCGGAGTTGTTTTGAGTGTAGAGTATTGAGCTTTCGATGTGTTAGTTGAGTG

1470                1490                1510                1530                1550

GAATGGAAAATTCGCGTCTTTGCCCCGGTGGTTGCGATAAACAATAGTCGGCTGGTGCATTTGTGACACTTCAATTGCGCTGTTGGCTTGGTGACAGACA

1570                1590                1610                1630                1650

CGGCAGCGTCGATGACCCGACACCCAGAATAATTCGCATGGTTGATTANTGTTATTGTGCTTTAAATCGGAGGCTGATGCTCATCTCTTCGAATTC
```

FIG.21C

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

FIG.22

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.051009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

```
-150                -130                -110                -90                 -70

CCCGGTCTGGAGACGGGGAGCGCGCCAGCGACGCAGGATAAGAAGGCGACGACCGCGCCTCCGAGCCAGGCCCAGGACAGCAGGAGAACTCGCCACGCGC

 -50                -30                -10                 10                  30

AAGCAGCACGCCCGATCGACAGTGTCCCGCTCTGCCCACAGCACTCTGCAACCATGATGATGAAGCAGTACCTCCAGTACCTCGCGGCCGCGCTGCCGCT
                                                          M  M  M  K  Q  Y  L  Q  Y  L  A  A  A  L  P  L

 50                 70                 90                 110                 130

CGTCGGCCTCGCCGCCGGCCAGCGCGCTGGTAACGAGACGCCCGAGAACCACCCCCCGCTCACCTGGCAGAGGTGCACGGCCCCGGGCAACTGCCAGACC
 V  G  L  A  A  G  Q  R  A  G  N  E  T  P  E  N  H  P  P  L  T  W  Q  R  C  T  A  P  G  N  C  Q  T

 150                170                190                210                 230

GTGAACGCCGAGGTCGTCATTGACGCCAACTGGCGCTGGCTGCACGACGACAACATGCAGAACTGCTACGACGGCAACCAGTGGACCAACGCCTGCAGCA
V  N  A  E  V  V  I  D  A  N  W  R  W  L  H  D  D  N  M  Q  N  C  Y  D  G  N  Q  W  T  N  A  C  S  T

 250                270                290                310                 330

CCGCCACCGACTGCGCTGAGAAGTGCATGATCGAGGGTGCCGGCGACTACCTGGGCACCTACGGCGCCTCGACCAGCGGCGACGCCCTGACGCTCAAGTT
  A  T  D  C  A  E  K  C  M  I  E  G  A  G  D  Y  L  G  T  Y  G  A  S  T  S  G  D  A  L  T  L  K  F

 350                370                390                410                 430

CGTCACCAAGCACGAGTACGGCACCAACGTCGGCTCGCGCTTCTACCTCATGAACGGCCCGGACAAGTACCAGATGTTCAACCTCATGGGCAACGAGCTT
 V  T  K  H  E  Y  G  T  N  V  G  S  R  F  Y  L  M  N  G  P  D  K  Y  Q  M  F  N  L  M  G  N  E  L
```

FIG.23A

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.051000/9; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

```
 450                 470                 490                 510                 530

GCCTTTGACGTCGACCTCTCGACCGTCGAGTGCGGCATCAACAGCGCCCTGTACTTCGTCGCCATGGAGGAGGACGGCGGCATGGCCAGCTACCCGAGCA
A  F  D  V  D  L  S  T  V  E  C  G  I  N  S  A  L  Y  F  V  A  M  E  E  D  G  G  M  A  S  Y  P  S  N

 550                 570                 590                 610                 630

ACCAGGCCGGCGCCCGGTACGGCACTGGGgtgagttgagctccgctttgtttcgagtcgcaacgaggcactttctgggcgccggctaactctctcgattc
  Q  A  G  A  R  Y  G  T  G

 650                 670                 690                 710                 730

ctccgacagTACTGCGATGCCCAATGCGCTCGTGATCTCAAGTTCGTTGGCGGCAAGGCCAACATTGAGGGCTGGAAGTCGTCCACCAGCGACCCCAACG
         Y  C  D  A  Q  C  A  R  D  L  K  F  V  G  G  K  A  N  I  E  G  W  K  S  S  T  S  D  P  N  A

 750                 770                 790                 810                 830

CTGGCGTCGGCCCGTACGGCAGCTGCTGCGCTGAGATCGACGTCTGgtgagtgcgagaccgtccacccaggttcggatgcggggtggaaatttcgcggct
  G  V  G  P  Y  G  S  C  C  A  E  I  D  V  W

 850                 870                 890                 910                 930

aacggagcacccccagGGAGTCGAATGCCTATGCCTTCGCTTTCACGCCGCACGCGTGCACGACCAACGAGTACCACGTCTGCGAGACCACCAACTGCG
                  E  S  N  A  Y  A  F  A  F  T  P  H  A  C  T  T  N  E  Y  H  V  C  E  T  T  N  C  G

 950                 970                 990                1010                1030

GTGGCACCTACTCGGAGGACCGCTTCGCCGGCAAGTGCGACGCCAACGGCTGCGACTACAACCCCTACCGCATGGGCAACCCCGACTTCTACGGCAAGGG
  G  T  Y  S  E  D  R  F  A  G  K  C  D  A  N  G  C  D  Y  N  P  Y  R  M  G  N  P  D  F  Y  G  K  G

1050                1070                1090                1110                1130

CAAGACGCTCGACACCAGCCGCAAGTTCACgtgcgtgacccttgtggcgcaacctttctctgcctgcctggacacactgaaactgacacgtcgttttcg
 K  T  L  D  T  S  R  K  F  T
```

FIG.23B

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.051009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

1150 1170 1190 1210 1230

gctgcagCGTCGTCTCCCGCTTCGAGGAGAACAAGCTCTCCCAGTACTTCATCCAGGACGGCCGCAAGATCGAGATCCCGCCGCCGACGTGGGAGGGCAT
V V S R F E E N K L S Q Y F I Q D G R K I E I P P P T W E G M

1250 1270 1290 1310 1330

GCCCAACAGCAGCGAGATCACCCCCGAGCTCTGCTCCACCATGTTCGATGTGTTCAACGACCGCAACCGCTTCGAGGAGGTCGGCGGCTTCGAGCAGCTG
P N S S E I T P E L C S T M F D V F N D R N R F E E V G G F E Q L

1350 1370 1390 1410 1430

AACAACGCCCTCCGGGTTCCCATGGTCCTCGTCATGTCCATCTGGGACGACgtaagtacccgccgacctccctagccacacaagccgcatccggcgaggc
N N A L R V P M V L V M S I W D D

1450 1470 1490 1510 1530

acgccatcgctgctgctaacacgagaccgttcgtagCACTACGCCAACATGCTCTGGCTCGACTCCATCTACCCGCCCGAGAAGGAGGGCCAGCCCGGCG
H Y A N M L W L D S I Y P P E K E G Q P G A

1550 1570 1590 1610 1630

CCGCCCGTGGCGACTGCCCCACGGACTCGGGTGTCCCCGCCGAGGTCGAGGCTCAGTTCCCCGACGCgtaagacttgcccccgaccccaagcttccactt
A R G D C P T D S G V P A E V E A Q F P D A

1650 1670 1690 1710 1730

ctggatgccgaatgctaacacgcgaaacagCCAGGTCGTCTGGTCCAACATCCGCTTCGGCCCCATCGGCTCGACCTACGACTTCTAAGCCGGTCCATGC
Q V V W S N I R F G P I G S T Y D F *

1750 1770 1790 1810 1830

ACTCGCAGCCCTGGGCCCGTCACGCCCGCCACCTCCCCTCGCGGAAACTCTCCGTGCGTCGCGGGCTCCAAAGCATTTTGGCCTCAAGTTTTTTTCGTTC

FIG.23C

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

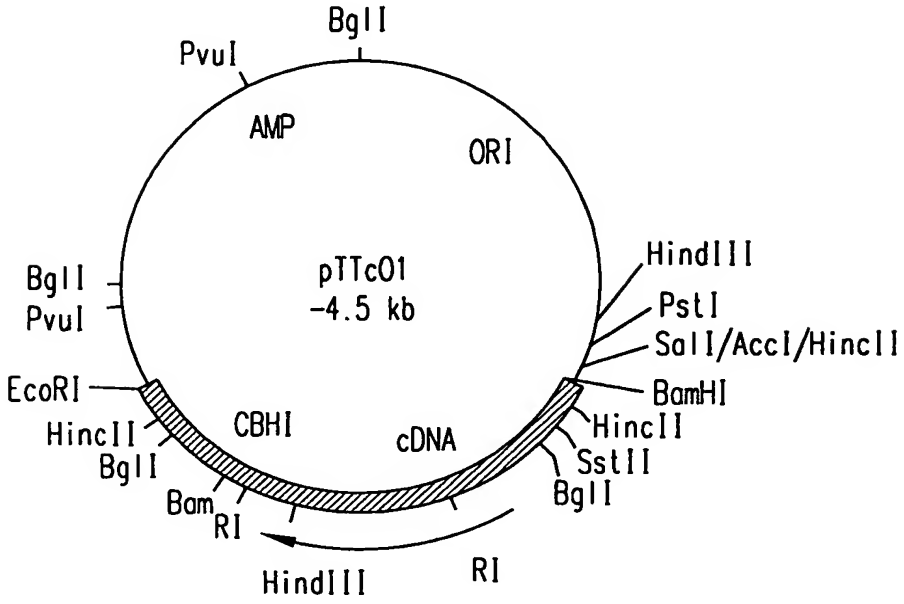


FIG.24

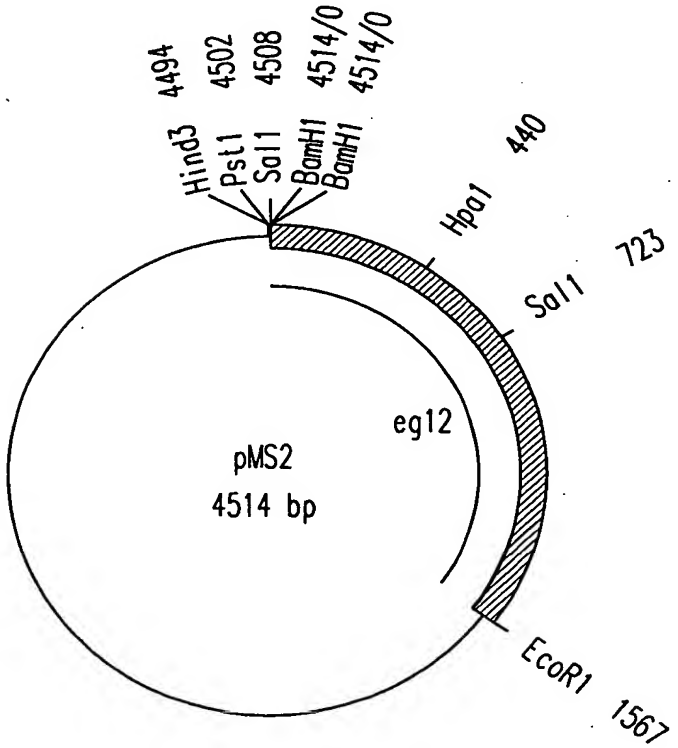


FIG.25

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

FIG.26

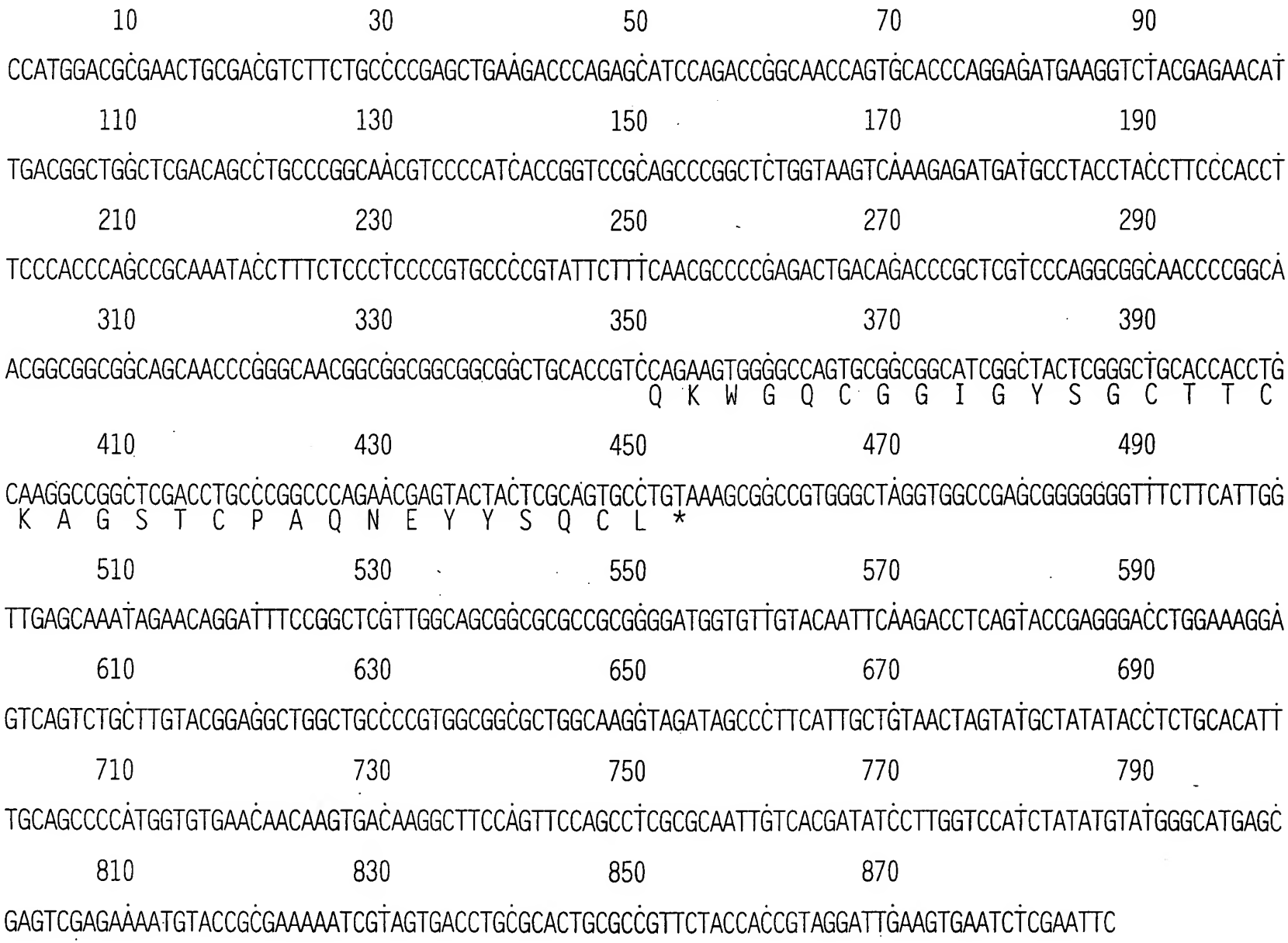


FIG.27

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

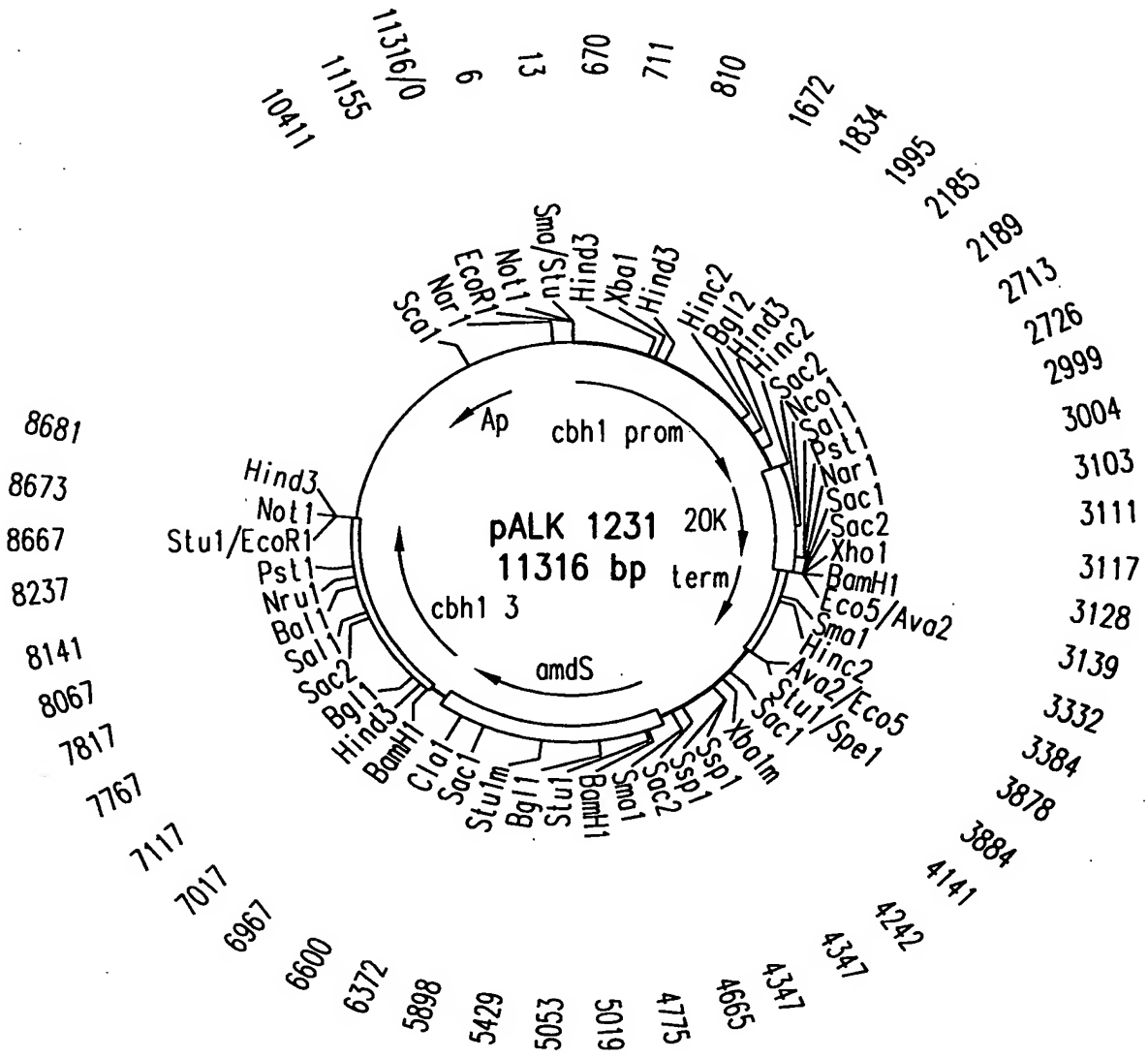


FIG.28

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

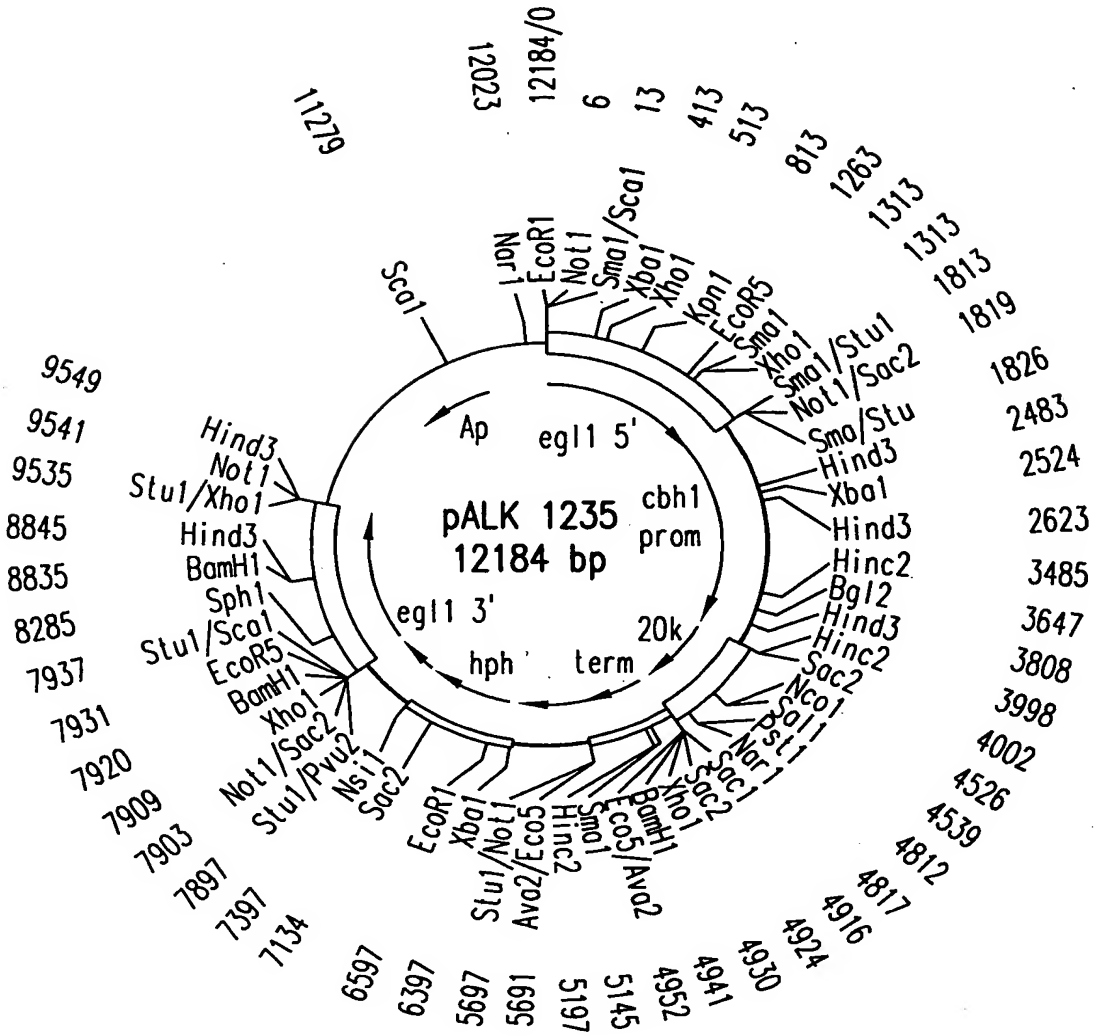


FIG.29

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

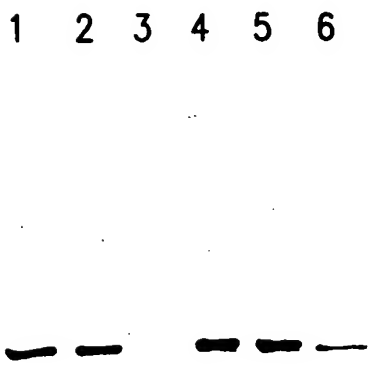


FIG.30

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

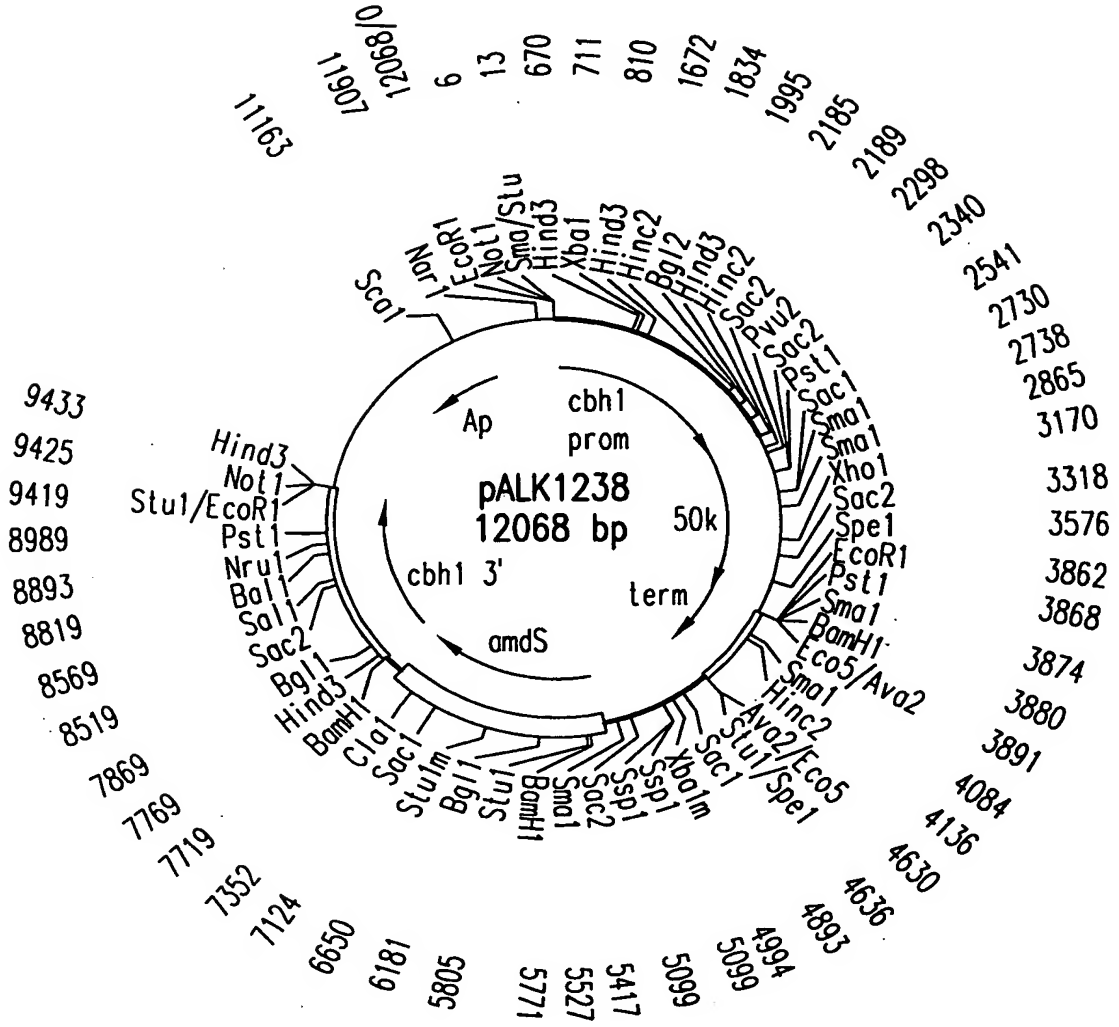


FIG.31

Appl. No. *To Be Assigned*; Filed: *Herewith*
Dkt. No. 1716.0510009; Group Art Unit: *To Be Assigned*
Inventors: Miettinen-Oinonen *et al.*; Tel.: (202) 371-2600
Title: Novel Cellulases, the Genes Encoding Them and Uses Thereof

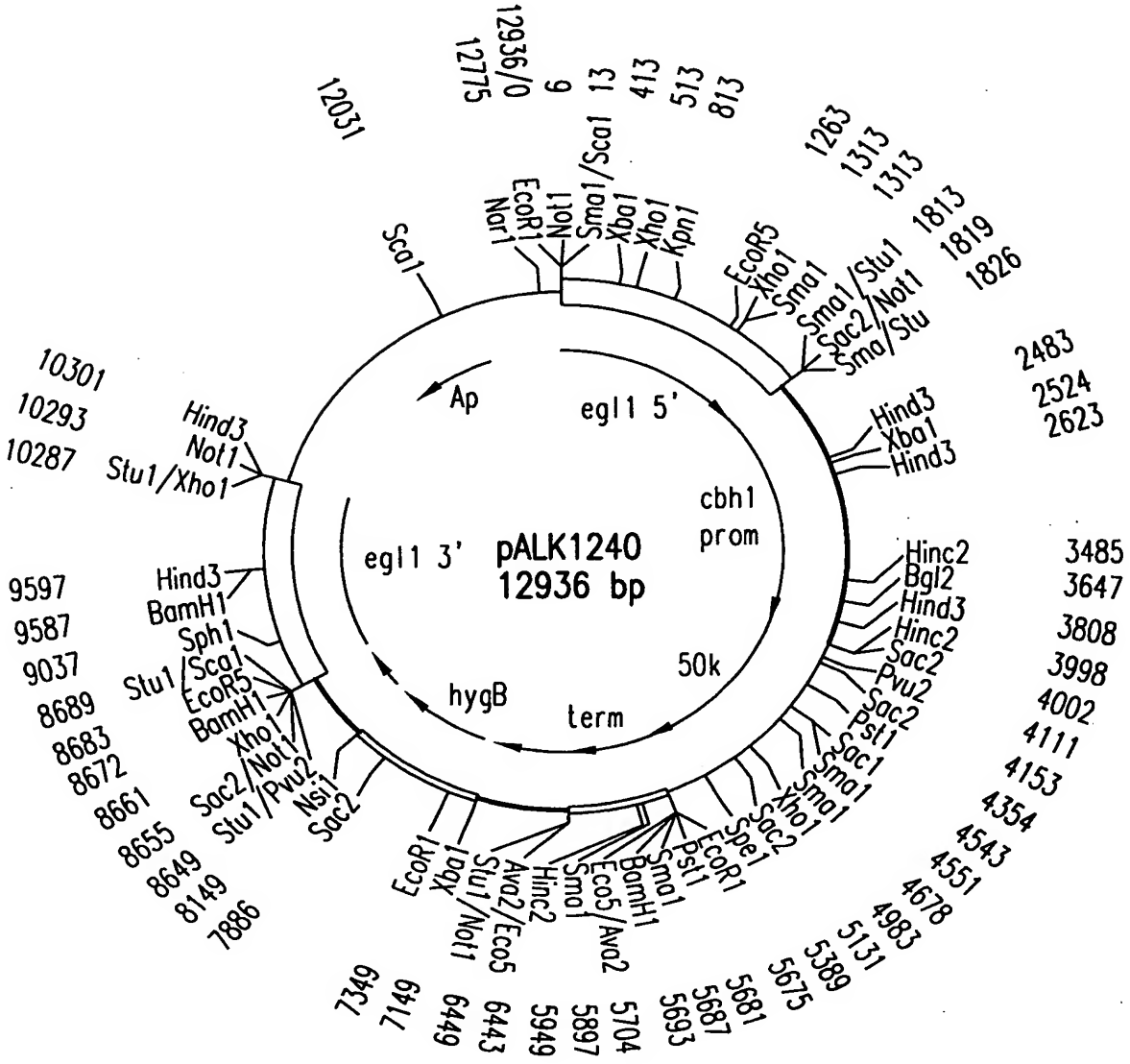


FIG.32